



Attorney Docket No. 0756-7223

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Koichiro TANAKA

Serial No. 10/721,075

Filed: November 26, 2003

For: LASER IRRADIATION APPARATUS,

LASER IRRADIATION METHOD,

AND METHOD FOR

MANUFACTURING A

SEMICONDUCTOR DEVICE

) Group Art Unit: 1725

) Examiner: M. Elve

) CERTIFICATE OF MAILING

) I hereby certify that this correspondence is  
) being deposited with the United States Postal  
) Service with sufficient postage as First Class  
) Mail in an envelope addressed to:  
) Commissioner for Patents, P.O. Box 1450,  
) Alexandria, VA 22313-1450, on  
) 9.29.05

) Robert M. Stamps

)

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

U.S. Patent No. 5,643,826 is in the family of JP 07-183540. JP 07-183540 was submitted with the Information Disclosure Statement filed on November 26, 2003.

EP 1 049 144 and U.S. Patent Application Publication No. 2002/0094008 were cited by the Singapore Patent Office on July 26, 2005, against a counterpart Singapore application. U.S. Patent No. 5,953,597; U.S. Patent No. 6,156,997; JP 04-124813; and

U.S. Patent No. 6,242,292 were also cited by the Singapore Patent Office in the above-referenced Official Action, and are already of record in the present application.

U.S. Patent Application Publication No. 2003/0022471; U.S. Patent No. 6,806,498; and U.S. Patent No. 6,528,397 are in the family of EP 1 049 144.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

---

Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

Please type a plus sign (+) inside this box → [ ]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

OCT 03 2005

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |    |   |                          |                   |
|--|---|----|---|--------------------------|-------------------|
| Substitute for form 1449A/PTO  |   |    |   | <b>Complete if Known</b> |                   |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    |   | Application Number       | 10/721,075        |
|  |   |    |   | Filing Date              | November 26, 2003 |
|  |   |    |   | First Named Inventor     | Koichiro TANAKA   |
|  |   |    |   | Group Art Unit           | 1725              |
|  |   |    |   | Examiner Name            | M. Elve           |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | 0756-7223         |

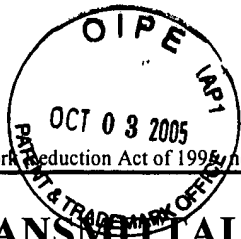
| U.S. PATENT DOCUMENTS |                          |                      |                                      |  |  |  |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant of Cited<br>Document | Date of Publication of Cited<br>Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |  |
|                       |                          | 5,643,826            |                                      | Ohtani et al.                                      | 07/01/1997   |  |
|                       |                          | 2004/0069751         |                                      | Yamazaki et al.                                    | 04/15/2004   |  |
|                       |                          | 2004/0169023         |                                      | Tanaka   | 09/02/2004   |  |
|                       |                          | 2004/0171237         |                                      | Tanaka et al.                                      | 09/02/2004   |  |
|                       |                          | 2004/0253838         |                                      | Yamazaki et al.                                    | 12/16/2004   |  |
|                       |                          | 2004/0259387         |                                      | Yamazaki et al.                                    | 12/23/2004   |  |
|                       |                          | 2003/0022471         |                                      | Taketomi et al.                                    | 01/30/2003   |  |
|                       |                          | 6,806,498            |                                      | Taketomi et al.                                    | 10/19/2004   |  |
|                       |                          | 6,528,397            |                                      | Taketomi et al.                                    | 03/04/2003   |  |
|                       |                          | 2002/0094008         |                                      | Tanaka   | 07/18/2002   |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |
|                       |                          |                      |                                      |  |  |  |

| FOREIGN PATENT DOCUMENTS       |                       |                         |                     |                                      |   |   |   |                |
|--------------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|---|---|---|----------------|
| Examiner Initials <sup>2</sup> | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                                |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |   |   |                |
|                                |                       | EP                      | 1 049 144           |                                      |   | 11/02/2000  |   | Eng.           |
|                                |                       |                         |                     |                                      |   |   |   |                |
|                                |                       |                         |                     |                                      |   |   |   |                |
|                                |                       |                         |                     |                                      |   |   |   |                |
|                                |                       |                         |                     |                                      |   |   |   |                |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---|--------------------------|---|----------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|   |                          | Official Action dated July 26, 2005, Singapore Patent Office, for Application No. 200307418-4.  | Eng.           |
|   |                          |   |                |
|   |                          |   |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
FOR FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27.**TOTAL AMOUNT OF PAYMENT** (\$180.00)**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/721,075        |
| Filing Date          | November 26, 2003 |
| First Named Inventor | Koichiro TANAKA   |
| Examiner Name        | M. Elve           |
| Group Art Unit       | 1725              |
| Attorney Docket No.  | 0756-7223         |

**METHOD OF PAYMENT**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-2280

Deposit  
Account  
NameRobinson Intellectual Property  
Law Office

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17 and
- 
- credit overpayments

☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit Card ☐ Money  
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee Code                   | Large Entity<br>Fee (\$) | Small Entity<br>Fee Code | Small Entity<br>Fee (\$) | Fee Description    | Fee Paid |
|--|--------------------------|--------------------------|--------------------------|--------------------|----------|
| 1001                                       | 300                      | 2001                     | 150                      | Utility filing fee |          |
| 1111                                       | 500                      | 2111                     | 250                      | Search fee         |          |
| 1311                                       | 200                      | 2311                     | 275                      | Examination fee    |          |
| Over 100 Sheets/250 for each additional 50 |                          |                          |                          |                    |          |

**SUBTOTAL (1)** (\$)**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
|                    | -20** =      | \$50           |          |
| Independent Claims | -3** =       | \$200          |          |
| Multiple Dependent |              |                |          |

| Large Entity<br>Fee Code | Large Entity<br>Fee (\$) | Small Entity<br>Fee Code | Small Entity<br>Fee (\$) | Fee Description  | Fee Paid |
|--------------------------|--------------------------|--------------------------|--------------------------|--|----------|
| 1202                     | 50                       | 2202                     | 25                       | Claims in excess of 20                                     |          |
| 1201                     | 200                      | 2201                     | 100                      | Independent claims in excess of 3                          |          |
| 1203                     | 360                      | 2203                     | 180                      | Multiple dependent claim, if not paid                      |          |
| 1204                     | 200                      | 2204                     | 100                      | ** Reissue independent claims over original patent         |          |
| 1205                     | 50                       | 2205                     | 25                       | ** Reissue claims in excess of 20 and over original patent |          |

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Fee Code            | Large Entity<br>Fee (\$) | Small Entity<br>Fee Code | Small Entity<br>Fee (\$) | Fee Description  | Fee Paid |
|---------------------|--------------------------|--------------------------|--------------------------|--|----------|
| 1051                | 130                      | 2051                     | 65                       | Surcharge - late filing fee or oath  |          |
| 1052                | 50                       | 2052                     | 25                       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053                | 130                      | 1053                     | 130                      | Non-English specification  |          |
| 1812                | 2,520                    | 1812                     | 2,520                    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804                | 920*                     | 1804                     | 920*                     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                | 1,840*                   | 1805                     | 1,840*                   | Requesting publication of SIR after Examiner action                        |          |
| 1251                | 120                      | 2251                     | 60                       | Extension for reply within first month                                     |          |
| 1252                | 450                      | 2252                     | 225                      | Extension for reply within second month                                    |          |
| 1253                | 1020                     | 2253                     | 510                      | Extension for reply within third month                                     |          |
| 1254                | 1,590                    | 2254                     | 795                      | Extension for reply within fourth month                                    |          |
| 1255                | 2,160                    | 2255                     | 1080                     | Extension for reply within fifth month                                     |          |
| 1401                | 500                      | 2401                     | 250                      | Notice of Appeal   |          |
| 1402                | 500                      | 2402                     | 250                      | Filing a brief in support of an appeal                                     |          |
| 1403                | 1000                     | 2403                     | 500                      | Request for oral hearing   |          |
| 1451                | 1,510                    | 1451                     | 1,510                    | Petition to institute a public use proceeding                              |          |
| 1452                | 500                      | 2452                     | 250                      | Petition to revive - unavoidable   |          |
| 1453                | 1,500                    | 2453                     | 750                      | Petition to revive - unintentional   |          |
| 1501                | 1,400                    | 2501                     | 700                      | Utility issue fee (or reissue)   |          |
| 1502                | 800                      | 2502                     | 400                      | Design issue fee   |          |
| 1503                | 1100                     | 2503                     | 550                      | Plant issue fee  |          |
| 1462                | 400                      | 1462                     | 400                      | Petitions, Group I   |          |
| 1463                | 200                      | 1463                     | 200                      | Petition, Group II   |          |
| 1464                | 130                      | 1464                     | 130                      | Petitions, Group III   |          |
| 1807                | 50                       | 1807                     | 50                       | Processing fee under 37 CR 1.17(q)   |          |
| 1806                | 180                      | 1806                     | 180                      | Submission of Information Disclosure Stmt                                  | \$180.00 |
| 8021                | 40                       | 8021                     | 40                       | Recording each patent assignment per property (times number of properties) |          |
| 1809                | 790                      | 2809                     | 395                      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                | 790                      | 2810                     | 395                      | For each additional invention to be examined (37 CFR § 1.29(b))            |          |
| 1801                | 790                      | 2801                     | 395                      | Request for Continued Examination (RCE)                                    |          |
| 1802                | 900                      | 1802                     | 900                      | Request for expedited examination of a design application                  |          |
| Other fee (specify) |                          |                          |                          |  |          |

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$180.00)**CERTIFICATE OF MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 9-29-05. *Adrian M. Stamper***SUBMITTED BY****Complete (if applicable)**

|                   |                         |                  |        |           |                |
|-------------------|-------------------------|------------------|--------|-----------|----------------|
| Name (Print/Type) | Eric J. Robinson        | Registration No. | 38,285 | Telephone | (571) 434-6789 |
| Signature         | <i>Eric J. Robinson</i> | (Attorney/Agent) |        | Date      | 9-29-05        |